

MMC Materials, Inc.
TNG110370 - Frayser Plant

Project No.:	Site Location:	Permittee:	Date:	Time On-Site
TNG110370	2941 Frayser Blvd., Memphis, Shelby County, TN	MMC Materials, Inc.	Sept. 26, 2016	15:45 PM

Photo No.	Photographer
1	Cliff Caudle

Description

View north toward the batch plant. Portland cement is stored and dispensed into the batch process from the tall silos in the center. Runoff from the batch plant drains to the west toward the multi-basin treatment system (arrow).



Photo No.	Photographer
2	Cliff Caudle

Description

View west toward the truck wash station area and the multi-basin treatment system. The wash rack is to the left in the photo. Note the runoff from the batch plant area (arrow) to the right in the photo, also shown in Photo 1.



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Photo No.	Photographer
3	Cliff Caudle

Description

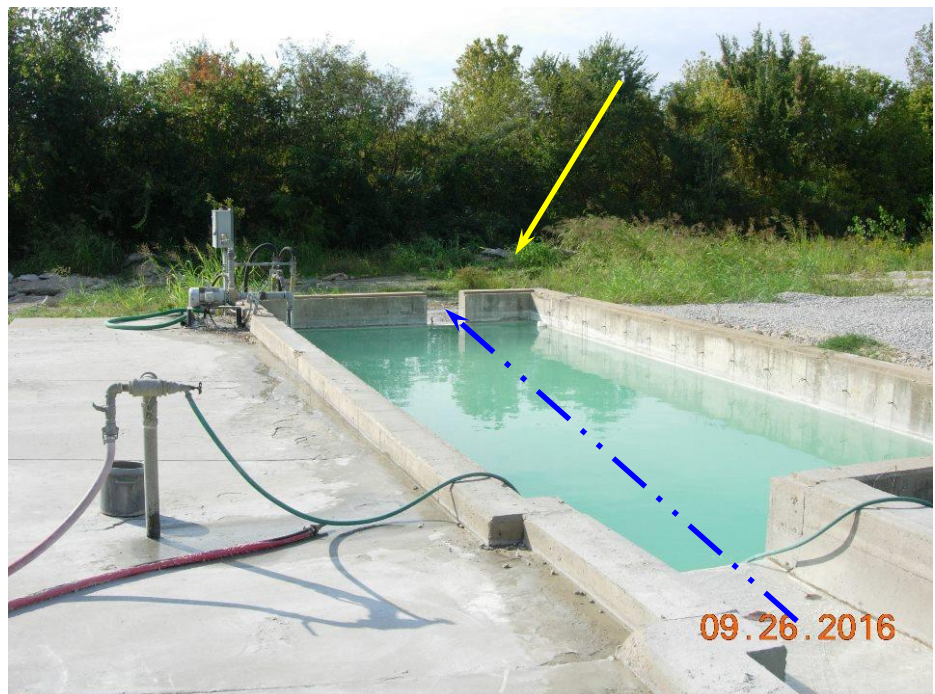
View north-northwest showing the inflow point to the five-cell treatment basin system.



Photo No.	Photographer
4	Cliff Caudle

Description

View west showing the exit point from the last cell in the multi-basin treatment system. The yellow arrow denotes the location of designated Outfall 001. No sign designating Outfall 001 was observed on the site.



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5	Cliff Caudle

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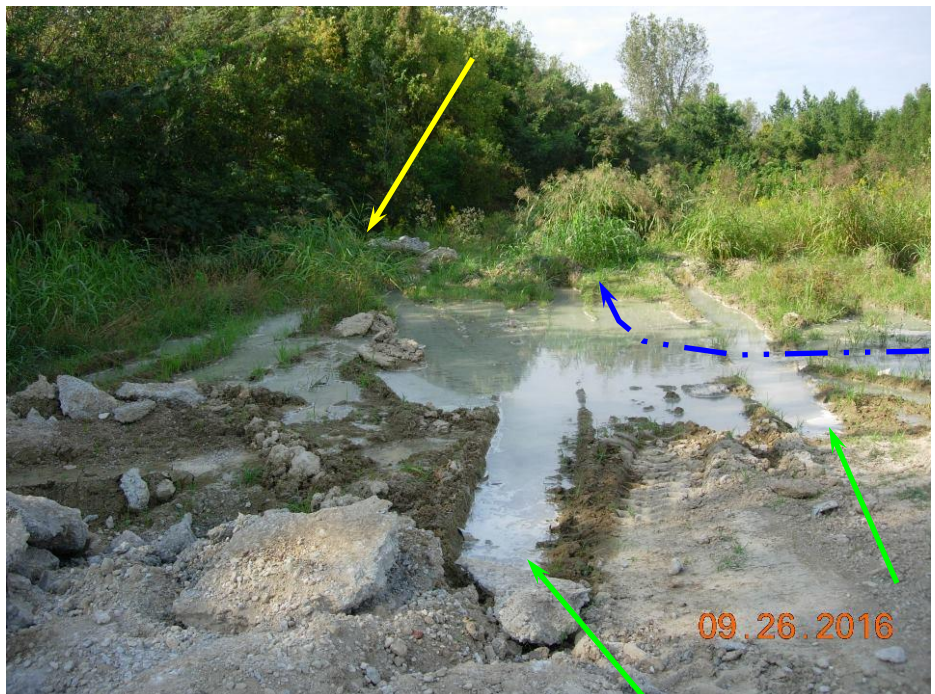
Close-up view west of, and immediately down-gradient of, the multi-basin process water treatment system. The water in the photo was flowing over a hardened cement residue, and was clear at the time of the inspection.



Photo No.	Photographer
6	Cliff Caudle

Description

View north showing the on-site collection point for process water after it leaves the multi-basin treatment system. Though the area shown had a thin veneer of cementitious material and a minor amount of floating residue (green arrows), the water itself was mostly clear at the time of the inspection. The blue arrow shows the flow direction from the treatment basins to the low area west of the basins. The yellow arrow shows the location of Outfall 001 to the perimeter drainage ditch (see Figures 1 and 2).



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7	Cliff Caudle

Description

View south showing the eastern low area that receives 1) process water flow (blue arrow) from the aggregate stockpile watering (red arrow) on the east side of the batch plant, and 2) potential process water flow (teal arrow) from the treatment basins via the diversion ditch along the north side of the batch plant (Fig. 1). The water - mostly clear at the time of the inspection - collects and infiltrates at this location (see Fig. 1). Flow from this area would exit the site to the left (east) of the area shown.



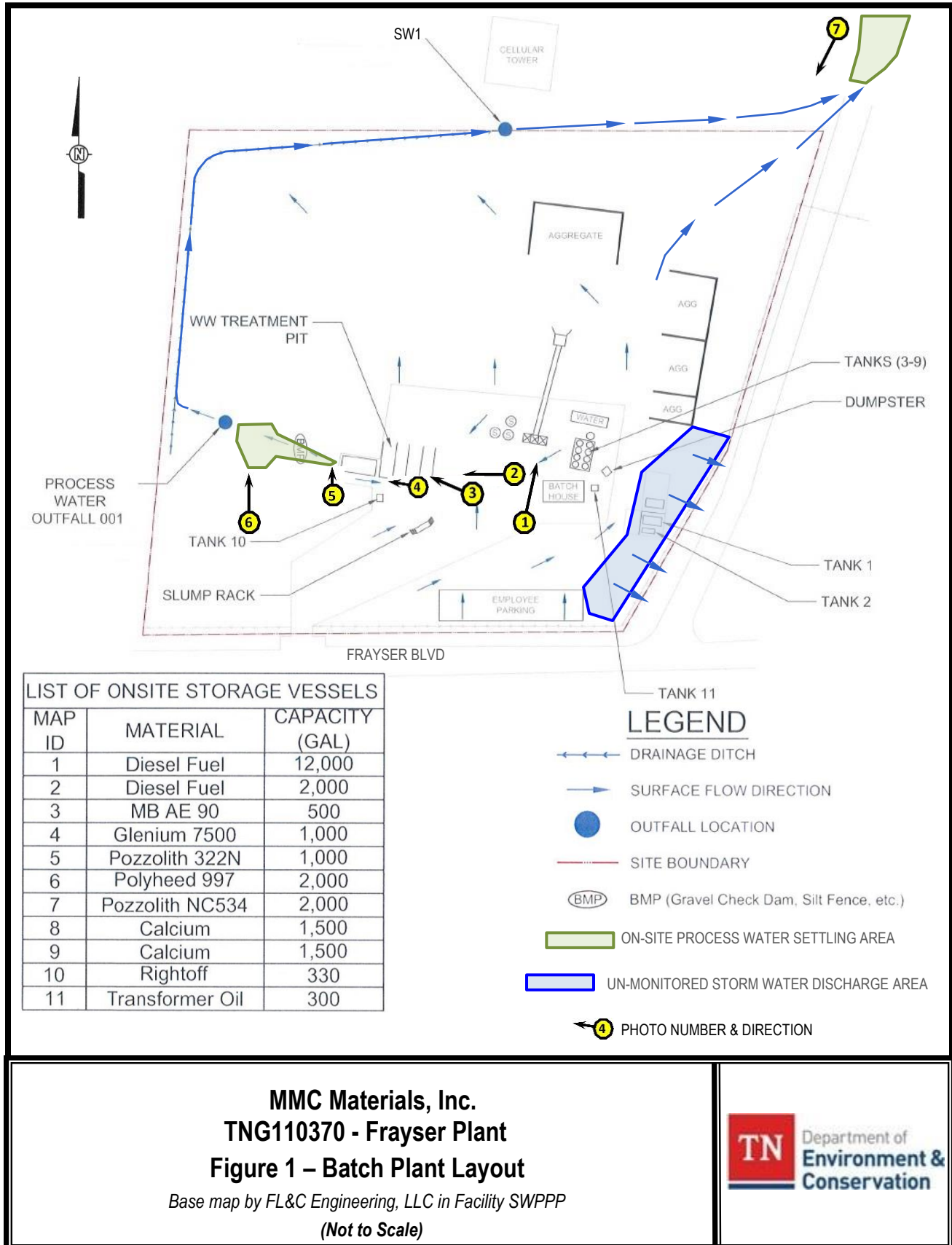
Photo No.	Photographer
8	Cliff Caudle

Description

View north, from north of the batch plant. Excess concrete and concrete washout from ready-mix trucks is stockpiled on-site and later crushed for sale as fill material. This portion of the site drains westward toward the site interior. See Figure 2 – Overall Site Layout.



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**MMC Materials, Inc.
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Figure 1 – Batch Plant Layout**

*Base map by FL&C Engineering, LLC in Facility SWPPP
(Not to Scale)*



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